UIN SUNAN KALIJAGA YOGYAKARTA
FACULTY OF SCIENCE AND TECHNOLOGY
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Undergraduate Programme in Biology

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MODULE HANDBOOK

Module Name	Teratology
Module level, if applicable	Bachelor
Code, if applicable	BIO425087
Subtitle, if applicable	-
Courses, if applicable	Teratology
Semester(s) in which the module is taught	7th (seventh)
Person responsible for the module	Course coordinator
Lecturer(s)	Dr. Isma Kurniatanty
Language	Indonesia
Relation to curriculum	Elective course in the fourth year (7th semester) of Bachelor's Degree
Type of teaching, contact hours	100 minutes of lectures and 180 minutes of laboratory activities per week.
Workload	The total workload is 136 hours per semester, which consists of 100 minutes of lectures per week for 14 weeks, 180 minutes of laboratory activities per week, and 120 minutes of individual study per week, in total is 16 weeks per semester, including mid-exam and final exam
Credit points	2 credits (3 ECTS)
Requirements according to the examination regulations	minimum attendance 75%
Recommended prerequisites	No prerequisites are stated on
Module objectives/intended learning outcomes	After completing this course, the students: CO 1. Students have learning skills so they can understand the concept of teratology and its factors CO 2. Students can work together in group discussions and are skilled at presenting the results of the debate in front of the class CO 3. Students can practice basic concepts of teratology in laboratory work
Content	a. Birth defects b. Critical periods of animal and human development c. Factors that cause birth defects d. Embryological considerations in teratological studies e. Methods of Teratology Research

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Study and examination requirements and forms of examination

The final mark will be weighted as follows:

NO	Assessment methods (components, activities)	Weight (percentage)
1	Final Examination	30%
2	Mid-Term Examination	25%
3	Laboratory practice.	30%
4	Quiz, Homework, etc	15%

The final assessment is expressed in the form of a letter value converted from a number value with the following categories:

NO	Number Value	Letter Value	NO	Number Value	Letter Value
1	≥ 95	A	7	65-69.99	B/C
2	90-94.99	A-	8	60-64.99	C+
3	85-89.99	A/B	9	55-59.99	C
4	80-84.99	B+	10	50-54.99	C-
5	75-79.99	B	11	55-34.99	D
6	70-74.99	B-	12	<35	E

Media employed

White-board, Lcd Projector, e-learning (https://daring.uin-suka.ac.id/)

Reading list

1. O'Rahilly, R. Dan Muller, F. 2001. Human Embryology & Teratology. New York: John Wiley & Sons.
2. Persaud, T.V.N., Chudley, A.E. dan Skalko, R.G. 1985. Basic Concepts in Teratology. New York: Alan R. Liss.
3. Saddler, T.W., 1997. Embriologi Kedokteran Langman. (Alih Bahasa: Suyono). Jakarta: EGC.
4. Schardein, J. 1985. Chemically Induced Birth Deffect. New York: Marcell Deccer
5. Taylor, P. 1986. Practical Teratology. London: Academic Press.
6. Wilson, J. dan Warkany, J. 1965. Teratology. Chicago: The University of Chicago Press

PLO and CO Mapping

	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6	PLO 7	PLO 8	PLO 9	PLO 10	PLO 11
CO 1											
CO 2						√					
CO 3			√								